


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 3									
2. AMENDMENT/MODIFICATION NO. 0006		3. EFFECTIVE DATE 05/12/05		4. REQUISITION/PURCHASE REQ. NO. PR-R7-05-10244		5. PROJECT NO. (If applicable)								
6. ISSUED BY U.S. EPA Region VII PLMG/RFMB/AAMS 901 N 5th Street Kansas City, KS 66101		7. ADMINISTERED BY (If other than Item 6)		CODE										
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				9A. AMENDMENT OF SOLICITATION NO.										
PARAMETRIX, INC. 1231 FRYAR AVENUE P.O. BOX 460 Sumner, WA 98390				9B. DATED (SEE ITEM 11)										
				10A. MODIFICATION OF CONTRACT/ORDER NO. 68-S7-03-04 TO# 8										
				10B. DATED (SEE ITEM 13) 08/25/04										
CODE FACILITY CODE														
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS														
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.														
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.														
12. ACCOUNTING AND APPROPRIATION DATA (If required)														
See the section, Accounting/Appropriation Data, in the attachment on Page 2.														
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%; text-align: center;">(✓)</td> <td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A</td> </tr> <tr> <td></td> <td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td> </tr> <tr> <td></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td style="text-align: center;">X</td> <td>D. OTHER (Specify type of modification and authority) Clause B.2-Funding</td> </tr> </table>							(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A		B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	X	D. OTHER (Specify type of modification and authority) Clause B.2-Funding
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	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:													
X	D. OTHER (Specify type of modification and authority) Clause B.2-Funding													
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.														
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)														
The purpose of this modification is to provide incremental funding authorization in the amount of \$40,000.00 for Golconda Mine (008B) and \$20,000.00 for Sisters Mine (008C). Also, the revised Statement of Works (SOWs) have been attached for Golconda Mine (008B) and Sisters Mine (008C). The contractor is to provide the contracting officer a work plan revision by May 27, 2005, that incorporates the attached revised SOWs. The task order ceiling amount has been changed from \$647,317.80 to \$707,317.80. Please see the following pages for additional details.														
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.														
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)											
			JAMES E. PRICE											
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED								
(Signature of person authorized to sign)				 (Signature of Contracting Officer)		05/12/2005								

CDA Basin Mine and Mill Sites

Contract: 68-S7-03-04, Task Order: 0008, Mod: 0006

Lead PR Number: PR-R7-05-10244

Summary Information

Title: CDA Basin Mine and Mill Sites
Period of Performance: From: 08/25/04
To: 06/24/06
Award Date: 08/25/04
Total Funding: \$707,317.80

Accounting/Appropriation Data

The following item(s) have been added:

POP	DCN	BFYS	Appr.#	Org	Program Element	Site/ Project	Cost Org	Obj Clss	Amount	P /
Base	QLC056	05	T	0AQ0P	302DD2C	105KRD03	C017	2505	\$40,000.00	C
Base	QLC057	05	T	0AQ0P	302DD2C	10CSR03	C016	2505	\$20,000.00	C

Funding Breakout

Acct.Info	Funding Category	Amount
FY2004 - QJC057 [M] Cost Ceiling		\$160,000.00
Total:		\$160,000.00
FY2004 - QJC080 [M] Cost Ceiling		\$115,000.00
Total:		\$115,000.00
FY2004 - QJC081 [M] Cost Ceiling		\$50,000.00
Total:		\$50,000.00
FY2005 - QLC001 [M] Cost Ceiling		\$17,258.40
Total:		\$17,258.40
FY2005 - QLC002 [M] Cost Ceiling		\$14,727.00
Total:		\$14,727.00
FY2005 - QLC003 [M] Cost Ceiling		\$11,338.40
Total:		\$11,338.40
FY2005 - QLC009 [M] Cost Ceiling		\$75,023.00
Total:		\$75,023.00
FY2005 - QLC010 [M] Cost Ceiling		\$52,521.00
Total:		\$52,521.00
FY2005 - QLC011 [M] Cost Ceiling		\$26,415.00
Total:		\$26,415.00
FY2005 - QLC036 [M] Cost Ceiling		\$66,801.00

CDA Basin Mine and Mill Sites

Contract: 68-S7-03-04, Task Order: 0008, Mod: 0006

Lead PR Number: PR-R7-05-10244

Total:	\$66,801.00
FY2005 - QLC037 [M] Cost Ceiling	\$58,234.00

Total:	\$58,234.00
FY2005 - QLC056 [M] Cost Ceiling	\$40,000.00

Total:	\$40,000.00
FY2005 - QLC057 [M] Cost Ceiling	\$20,000.00

Total:	\$20,000.00

[M] - Modified

[A] - Added

Attachments

The following item(s) have been added:

Attachment Name

008-RD-RD-102Q Revised Statement of Work
008-RD-RD-102Q Cumulative Task Order Funded Amounts

TO Totals

The following item(s) have been modified:

Category	POP	From	By	To
Cost Ceiling	Base Pd.	\$647,317.80	\$60,000.00	\$707,317.80

TO Classification

The following changes have occurred:

The Task Order Ceiling has changed from \$647,317.80 to \$707,317.80.

008-RD-RD-102Q Revised Statement of Work

Contract: 68-S7-03-04, Task Order: 0008, Mod: 0006

Lead PR Number: PR-R7-05-10244

Sisters Site

Scope of Work for Sisters Final Remedial Design

Parametrix has completed the preliminary design for the Sisters site under the existing SOW. The following tasks are needed to complete the design and provide Remedial Design Support during the remedial action being conducted by the State of Idaho.

Task 1 - Project Planning and Support

Subtask 1.1 Workplan Revisions

Revise workplan to reflect additional scope

Subtask 1.2 - Negotiate Workplan Revisions

Negotiate revised work plan

Subtask 1.2 - Site Specific Project Management

Perform site specific project management (monitor costs, prepare Monthly Progress Report and Invoice).

Task 3 Field Investigation

Sample adit in area north of Sisters site and document site conditions.

Subtask 3.2 - Mobilization

- Order Field Equipment
- Mobilize Field Equipment to Site

Subtask 3.5 Field Investigation

- Collect adit samples
- Document Field Conditions

Task 4 Sample Analysis

Analytical costs for analysis of XRF samples collected during XRF survey in Spring 2005.

Task 5 Analytical Support and Validation

Includes sample management, data validation, and reporting

008-RD-RD-102Q Revised Statement of Work

Contract: 68-S7-03-04, Task Order: 0008, Mod: 0006

Lead PR Number: PR-R7-05-10244

Task 6 Data Evaluation and database management

Task 11 Pre-Final Final Design

Subtask 11.4 Pre-final basis of design report/design analysis

- incorporate stakeholder comments from the preliminary design
- updated design criteria and remedial approach
- update calculations
- conduct technical review

Subtask 11.5 Revised cost estimate (+15 percent and -10 percent accuracy)

- revised costs based on added design evaluations/analysis
- prepare Excel spreadsheets
- conduct technical review

Subtask 11.7 - Technical, biddability (offerability) and constructability reviews

- include review by engineer of record
- review by lead engineer

Subtask 11.9 - Final design submittal

- 100% design submittal shall include the final plans and specifications in reproducible format, final cost estimate, and a schedule of the overall remedial action
- prepare submittal packages for stakeholders
- electronic, reproducible copy to the EPA and State of Idaho

Task 13 Post Remedial Design Support

Subtask 13.1 - Pre-Bid (Pre-Solicitation) activities

Work efforts required to support the State of Idaho during the procurement of the construction contractor for remediation of the site.

- respond to design questions during the procurement process
- prepare written responses as directed by EPA
- attend pre-bid meeting as directed by EPA

Subtask 13.2 Pre-award activities

- evaluate bid prices, as directed by EPA
- review contractor plans prior to mobilization, as directed by EPA
- provide written comments on the plans, as directed by EPA

008-RD-RD-102Q Revised Statement of Work

Contract: 68-S7-03-04, Task Order: 0008, Mod: 0006

Lead PR Number: PR-R7-05-10244

Golconda Site

Scope of Work for Completion of Interim Action, Collection of Design Data, and Completion of Final Overall Site Remedial Design

Parametrix has nearly completed the preliminary design for the interim action at the Golconda site. The following tasks are needed to complete the interim action design and overall site design and provide remedial design support during the remedial action.

Task 1 - Project Planning and Support

Subtask 1.1 Workplan Revisions

Revise workplan to reflect additional scope

Subtask 1.2 - Negotiate Workplan Revisions

Negotiate revised work plan

Subtask 1.2 - Site Specific Project Management

Perform site specific project management (monitor costs, prepare Monthly Progress Report and Invoice).

Task 3 Field Investigation

Supplemental survey and field data shall be collected in the former mill area and in other areas of the site being considered for consolidation and/or containment of waste material. The purpose of this work is to provide geotechnical data and to delineate the nature and extent of tailings and areas of groundwater contamination.

Subtask 3.1 Environmental Survey

Complete supplemental topographic survey in mill area

Subtask 3.2 - Mobilization

- Order Field Equipment
- Mobilize Field Equipment to Site

Subtask 3.5 Environmental Sampling

- Collect field samples
- Document Field Conditions

Subtask 3.6 Physical/Chemical Testing

Geotechnical testing of field sampling

008-RD-RD-102Q Revised Statement of Work

Contract: 68-S7-03-04, Task Order: 0008, Mod: 0006

Lead PR Number: PR-R7-05-10244

Task 4 Sample Analysis

Analysis of field samples for metals and pH

Task 5 Analytical Support and Validation

Includes sample management, data validation, and reporting

Task 6 Data Evaluation and database management

Task 8 Preliminary Design

Preliminary remedial design (i.e. for the Interim Action) of the waste rock pile has been completed under the previous SOW (Mod No. 5). The Interim Action focuses on remediation of the waste rock pile and adit in the former mine area. The following preliminary design scope of work addresses the remainder of the site (i.e. Final Action). The final action focuses on the former mill and tailings area where the following remediation measures will be implemented:

- Design and construction of an on-site waste containment and consolidation area for flotation and jig tailing in the former mill area.
- Selective removal of pond tailings and jig tailings hot-spot areas.
- Dewatering and treatment of effluent during construction
- Stormwater diversion.
- Actions to mitigate potential intrusion of groundwater/South Fork River water into excavations.
- Streambank armoring
- Landscaping and revegetation.

(Method of Contracting construction services for final action are yet to be determined)

Subtask 8.2 Preliminary Construction Schedule

Prepare construction schedule in MS Project

Identify critical path items and key milestones

Subtask 8.3 Preliminary Specifications

Prepare draft table of contents for stakeholder review

Prepare bid schedule

Prepare Divisions 1 and 2 specifications

Incorporate selected contraction contractor requirements into the specification package.

Coordinate between specification sections

Conduct technical review

Subtask 8.4 - Preliminary Drawings

Prepare list for stakeholder review

Prepare draft drawings including:

Existing site plan

Grading plan (consolidation area)

Grading plan (final mill area)

Cover details

Riverbank stabilization details

Cross sections (consolidation area)

Cross sections (final mill area)

Run-on controls

Erosion and sediment controls

Construction details

Evaluate river hydraulics and flooding conditions

Calculate volumes of waste to be excavated and filled

Calculate topsoil volumes

Conduct technical review

Subtask 8.5 - Preliminary Basis of Design Report

Design criteria

Remedial approach

Summary of redesign investigation data

Calculations

Conduct technical review

008-RD-RD-102Q Revised Statement of Work

Contract: 68-S7-03-04, Task Order: 0008, Mod: 0006

Lead PR Number: PR-R7-05-10244

Subtask 8.6 Preliminary Cost Estimate (plus 50 percent and minus 30 percent accuracy)

- FS-Level detail in spreadsheets
- Major elements only
- Conduct technical review

Task 11 Pre-Final Final Design

This task includes efforts related to the preparation of the pre-final/final design for both the Interim Action and Final Action.

Subtask 11.2 pre-Final Design Specification

11.2.1 - Interim Action

11.2.2 - Final Action

- Incorporate stakeholder comments from the preliminary design
- Finalize bid schedule, Divisions 1 and 2 specification
- Conduct technical review

Subtask 11.3 - Pre-Final Drawings

11.3.1 Interim Action

11.3..2 Final Action

- Incorporate stakeholders comments from the preliminary design.
- Finalize evaluation and analysis.
- Finalize drawings
- Coordinate between drawings and specifications
- Conduct technical review.

Subtask 11.4 Pre-final basis of design report/design analysis

11.4.1 Interim Action

11.4.2 Final Action

- Incorporate stakeholder comments from the preliminary design
- Update design criteria and remedial approach
- Update calculations
- Conduct technical review.

008-RD-RD-102Q Revised Statement of Work

Contract: 68-S7-03-04, Task Order: 0008, Mod: 0006

Lead PR Number: PR-R7-05-10244

Subtask 11.5 Revised cost estimate (+15 percent and -10 percent accuracy)

11.5.1 Interim Action

11.5.2 Final Action

- revised costs based on added design evaluations/analysis
- prepare spreadsheets
- conduct technical review

Subtask 11.6 A prefinal/final design review meeting the EPA and stakeholders

11.6.1 Interim Action

11.6.2 Final Action

- Held at preliminary design state
- Prepare packages and specifications and drawings for review by stakeholders
- Attend meeting at EPA Region 10 offices in Seattle.

Subtask 11.7 - Technical, biddability (offerability) and constructability reviews

11.7.1 Interim Action

11.7.2 Final Action

- Include review by engineer of records
- Review by lead design engineer

Subtask 11.9 - Final design submittal

11.9.1 Interim Action

11.9.2 Final Action

100% design submittal shall include the final plans and specifications in reproducible format, final cost estimate, and a schedule of the overall remedial action

- prepare submittal packages for stakeholders
- electronic, reproducible copy to the EPA and State of Idaho

008-RD-RD-102Q Revised Statement of Work

Contract: 68-S7-03-04, Task Order: 0008, Mod: 0006

Lead PR Number: PR-R7-05-10244

Task 13 Post Remedial Design Support

Subtask 13.1 - Pre-Bid (Pre-Solicitation) activities

13.1.1 Interim Action

13.1.2 Final Action

Work efforts required to support the selected RA contractor during the procurement of the construction contractor for remediation of the site (the State of Idaho will be implementing the interim action).

- respond to design questions during the procurement process
- prepare written responses as directed by EPA
- attend pre-bid meeting as directed by EPA

Subtask 13.2 Pre-award activities

13.2.1 Interim Action

13.2.2 Final Action

- evaluate bid prices, as directed by EPA
- review contractor plans prior to mobilization, as directed by EPA
- provide written comments on the plans, as directed by EPA

Subtask 13.7 Services During Constructions

- Review changes orders and response to request for information
- Conduct period construction inspection (one visit per months for approximately 6 months)
- Submittal review
- Record drawing review
- Punch list walk-through
- Final acceptance walk-through

008-RD-RD-102Q Cumulative Task Order Funded Amounts

Contract: 68-S7-03-04, Task Order: 0008, Mod: 0006

Lead PR Number: PR-R7-05-10244

Cumulative Task Order Funded Amounts

	REX Mill and Mine 008A	Golconda Mine 008B	Sisters Mine 008C	Totals
Funded via Basic TO	\$160,000.00	\$115,000.00	\$50,000.00	\$325,000.00
Funded via MOD 0001	\$17,258.40	\$14,727.00	\$11,338.40	\$43,323.80
Funded via MOD 0002	\$75,023.00	\$52,521.00	\$26,415.00	\$153,959.00
Funded via MOD 0003	\$15,231.00	(\$20,176.00)	\$4,945.00	\$0.00
Funded via MOD 0004	(\$15,231.00)	\$20,176.00	(\$4,945.00)	\$0.00
Funded via MOD 0005	\$0.00	\$58,234.00	\$66,801.00	\$125,035.00
Funded via MOD 0006	\$ 0.00	\$40,000.00	\$20,000.00	\$60,000.00
Cumulative TO Subtotal	\$ 252,281.40	\$280,482.00	\$174,554.40	\$707,317.80